



Docket No. PHARMA-115

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Hicham Moulay Alaoui ISMAILI et al.

GAU: 1623

SERIAL NO: 09/785,235

EXAMINER: P. T. Lewis

FILING DATE: February 20, 2001

FOR: Method for the treatment or prevention of flavivirus infections using nucleoside analogues

AMENDMENT TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is a **Reply** in the above-identified application.

- ☐ No additional fee is required.
- ☐ Applicant(s) is/are entitled to small entity status.
- ☒ Additional documents filed herewith: Petition for Extension of Time (One Month)

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS	RATE		CALCULATIONS
TOTAL	40	MINUS	20	20	x	\$18 =	360.00
INDEPENDENT	2	MINUS	3	0	x	\$84 =	\$0.00
	<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						
	TOTAL OF ABOVE CALCULATIONS						\$0.00
	<input type="checkbox"/>						
	<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
	<input type="checkbox"/> RECORDATION OF ASSIGNMENT				+	\$40 =	\$0.00
	TOTAL						\$360.00

- ☒ A check in the amount of \$470.00 (extra claim fee \$360.00 and EOT(1) fee \$110.00) is attached.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Brian P. Heaney, Registration No. 32,542  
Attorney for Applicants

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Date: April 23, 2003

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PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 470

## Complete if Known

Application Number	09/785,235
Filing Date	February 20, 2001
First Named Inventor	Hicham Moulay Alaoui ISAMAILI
Examiner Name	P. T. Lewis
Group / Art Unit	1823
Attorney Docket No.	PHARMA-115

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<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>				
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		<b>3. ADDITIONAL FEES</b>				
Deposit Account Number	13-3402	Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
Deposit Account Name	Millen, White, Zelano & Branigan, P.C.	1051	130	2051	65	Surcharge - late filing fee or oath
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		1053	130	1053	130	Non-English specification
2. <input checked="" type="checkbox"/> Payment Enclosed:		1812	2,520	1812	2,520	For filing a request for reexamination
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
<b>FEE CALCULATION</b>		1251	110	2251	55	Extension for reply within first month
1. BASIC FILING FEE		1252	410	2252	205	Extension for reply within second month
Large Entity Fee Code	Small Entity Fee Code	1253	930	2253	465	Extension for reply within third month
1001	750	1254	1,450	2254	725	Extension for reply within fourth month
1002	330	1255	1,970	2255	985	Extension for reply within fifth month
1003	520	1401	320	2401	160	Notice of Appeal
1004	750	1402	320	2402	160	Filing a brief in support of an appeal
1005	160	1403	280	2403	140	Request for oral hearing
SUBTOTAL (1) (\$ 0)		1451	1,510	1451	1,510	Petition to institute a public use proceeding
2. EXTRA CLAIM FEES		1452	110	2452	55	Petition to revive - unavoidable
Total Claims	40	1453	1,300	2453	650	Petition to revive - unintentional
Independent Claims	2	142	1,300	242	650	Utility issue fee (or reissue)
Multiple Dependent		1502	470	2502	235	Design issue fee
Extra Claims		1503	630	2503	315	Plant issue fee
Fee from below		1460	130	1460	130	Petitions to the Commissioner
Fee Paid		1807	130	1807	130	Petitions related to provisional applications
SUBTOTAL (2) (\$ 360)		1806	180	1806	180	Submission of Information Disclosure Stmt
		8021	40	8021	40	Recording each patent assignment per property (times number of properties)
		1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))
		1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))
		1801	750	2801	375	Request for Continued Examination (RCE)
		1802	900	1802	900	Request for expedited examination of a design application
		Other fee (specify) _____				
		*Reduced by Basic Filing Fee Paid				
		SUBTOTAL (3) (\$ 110)				

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>			
Name (Print/Type)	Brion P. Heaney	Registration No. Attorney/Agent	32,542	Telephone	(703) 243-6333
Signature		Date	April 23, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of :  
Hicham Moulay Alaoui ISAMAILI et al. : Group Art Unit: 1623  
Serial No. 09/785,235 : Examiner: P. T. Lewis  
Filed: February 20, 2001 :

Title: METHOD FOR THE TREATMENT OR PREVENTION OF *FLAVIVIRUS* INFECTIONS  
USING NUCLEOSIDE ANALOGUES

REPLY

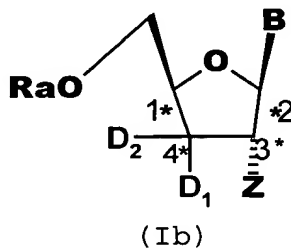
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir: In response to the Office Action of December 30, 2003, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

--1. A method for the treatment or prevention of an hepatitis C infection in a host comprising administering to said host a therapeutically effective amount of a compound having the formula Ib or a pharmaceutically acceptable salt thereof:



wherein

B is a purine, a pyrimidine or an analogue thereof;